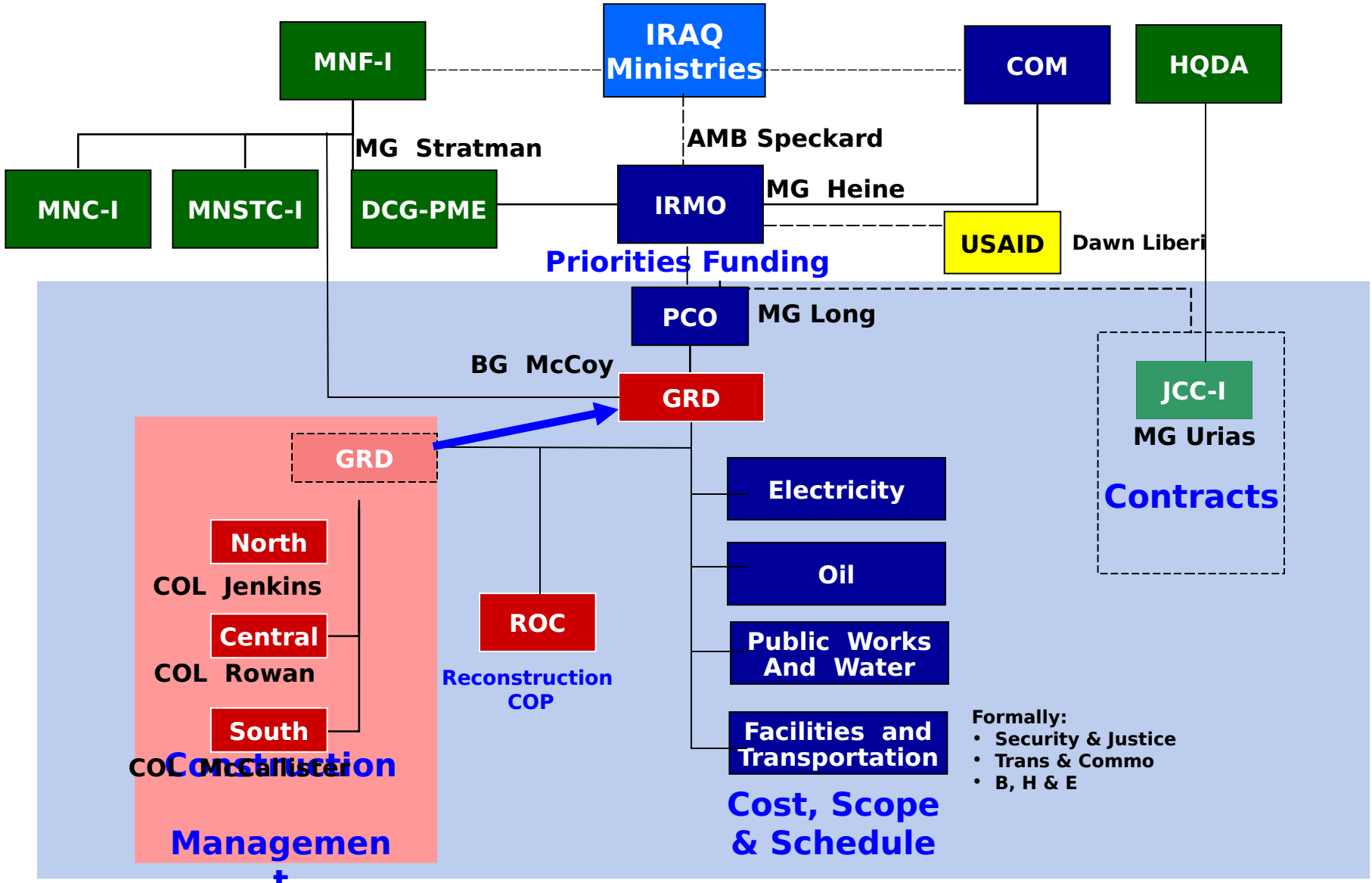
Delivering on Progress

Gulf Region Division

August 2005

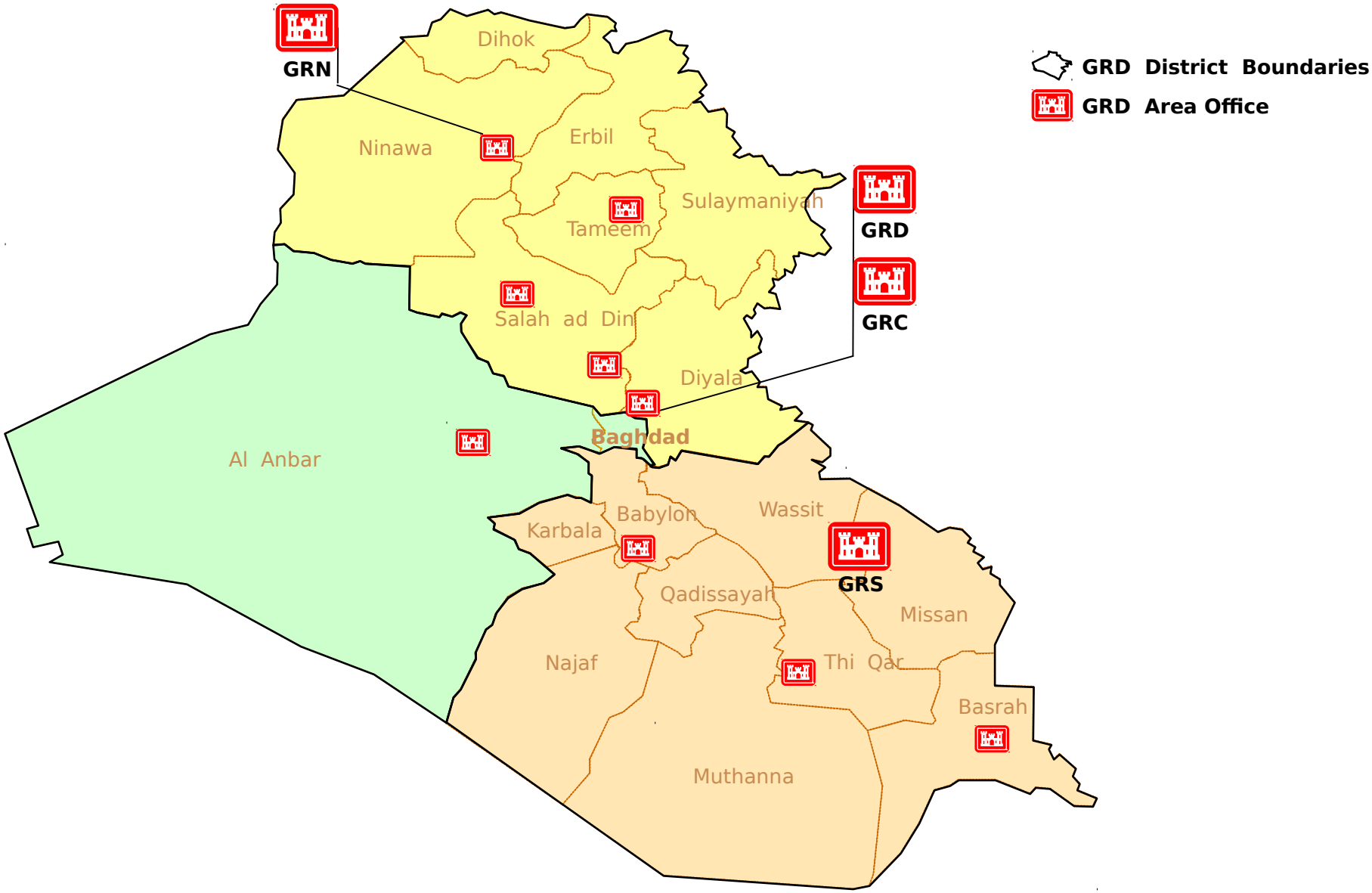
US Army Corps of Engineers

Organization



US Army Corps of Engineers

GRD Locations



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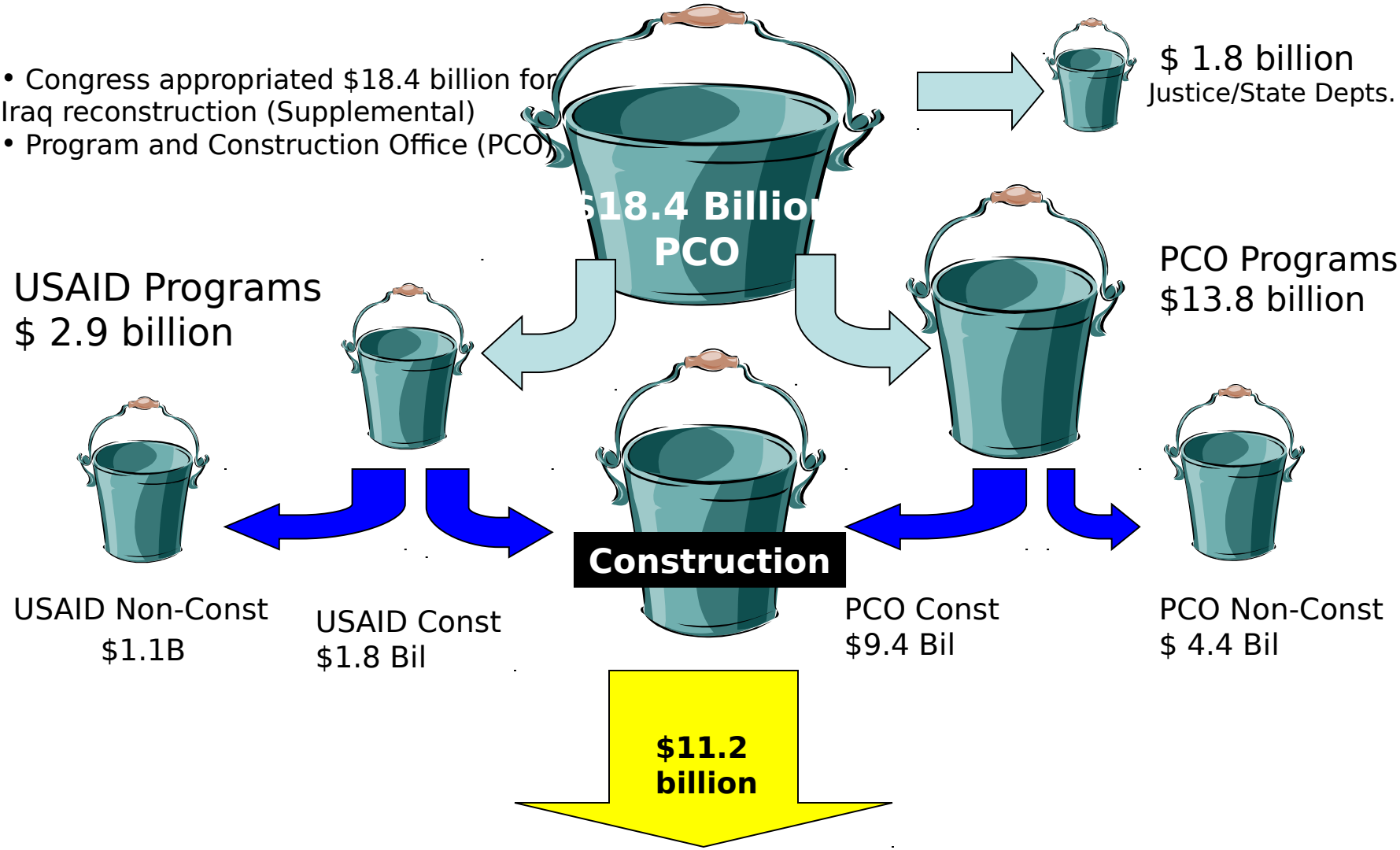
Mission

GRD provides planning, design and construction management support to Multi-National Force – Iraq (MNF-I) and the Project and Contracting Office (PCO)

US Army Corps of Engineers

Relief and Reconstruction Fund

- Congress appropriated $18.4 billion for Iraq reconstruction (Supplemental)
- Program and Construction Office (PCO)



- Remaining $11.2 billion disbursed among various agencies and programs with U.S. Army Corps of Engineers construction oversight.

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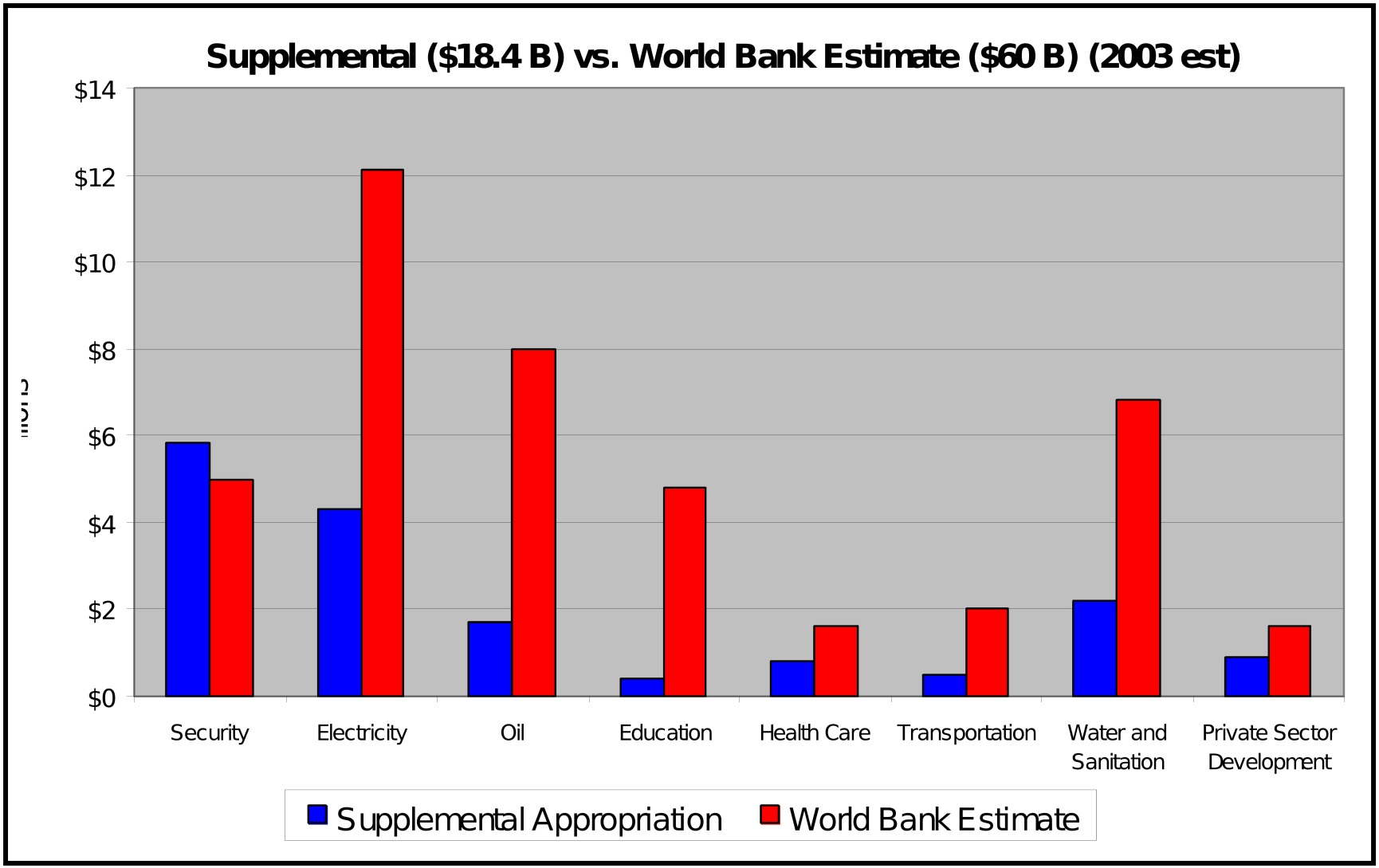
Cost to Rebuild Iraq to 1990-level



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Programmed Projects

Schools	840
Health Clinics	167
Hospitals	30
Water	319
Border Posts	251
Police Stations	457

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Programmed Projects

(Continued)

- Military Bases 58
- Electrical 429
- Village Roads 107
- Railroad Stations 101
- Fire Stations 93
- Oil 132
- Other 200+
- Total Projects 3,200

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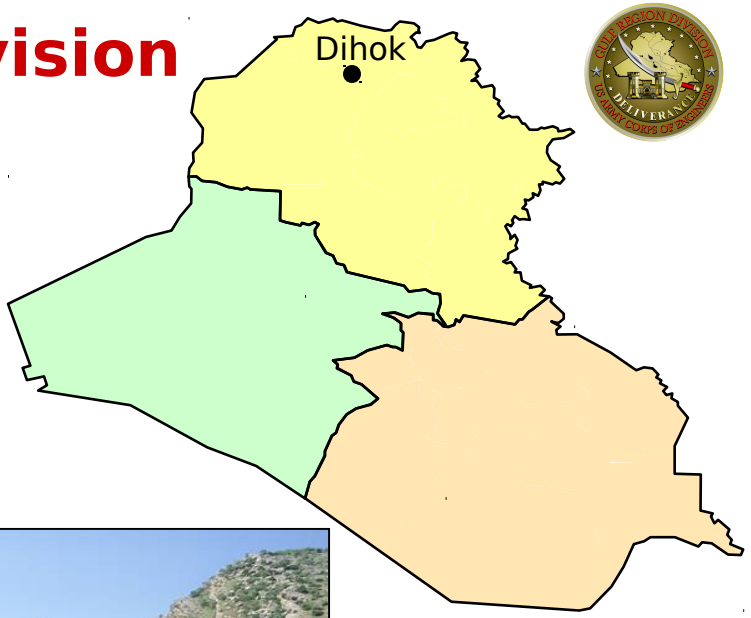
Gulf Region Division



1000th Project Completion - Betas School

On April 23, 2005, the reconstruction program completed its 1000th project, an $85,600 school project in the Zakho District, Dahuk Governorate. At the transfer of sovereignty in June 2004, 24 projects had been completed.

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Tallil Military Medical Clinic

Construction will soon be complete on a $1.6 million project to construct a Military Medical Clinic in the Tallil District, Thi-Qar Governorate.

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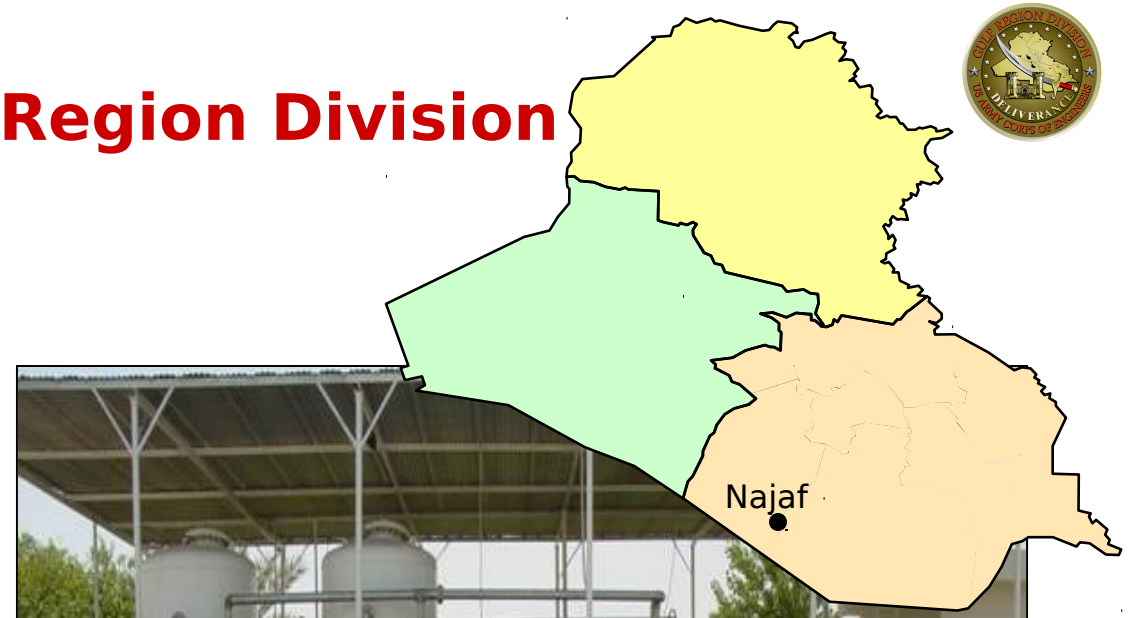
Al-Muash Water Treatment Unit

Construction completed a $236,000 Najaf Water Treatment project.



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Al Mutawwi'ah Border Post

Construction is complete on a $274,600 Border Post project in the Al Khaseeb District, Basrah Governorate.

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Al Wassit Police Station

Construction is complete on a $225,000 Police Station project in the Kut District, Wassit Governorate.

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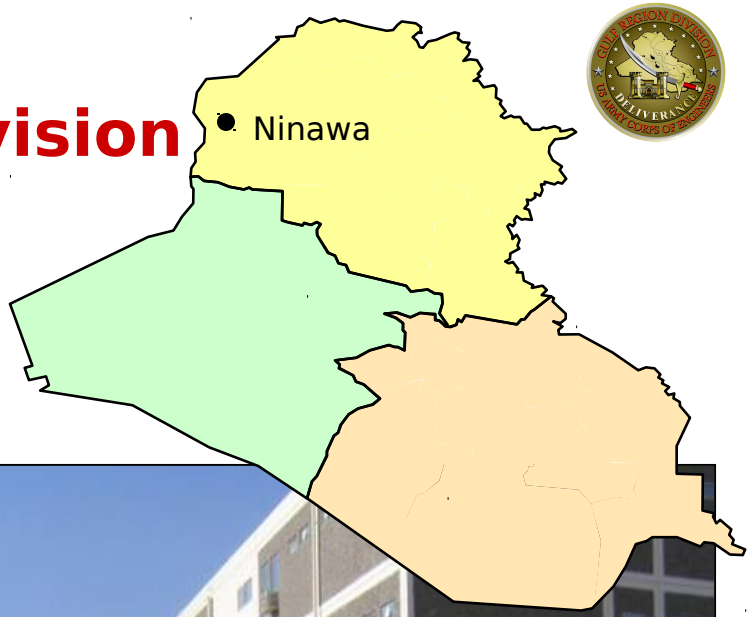

Al-Kasik Military Base

Construction will soon be complete on the $123.6 million Al-Kasik Military Base in Ninewa Governorate.

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Bayji Electrical Power Plant

Construction is complete on a $67.4 million project to replace two gas turbines at the Bayji Power Plant, Salah al-Din Governorate.

This project added 270 megawatts of electricity to the national grid.

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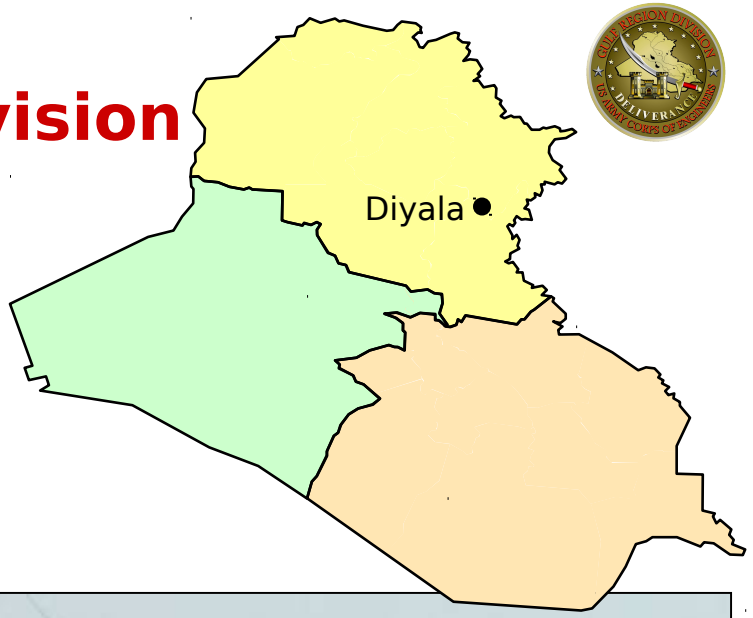

Diyala Village Road

Construction is complete on a $99,600 Village Road project in the Je Zane District, Diyala Governorate.

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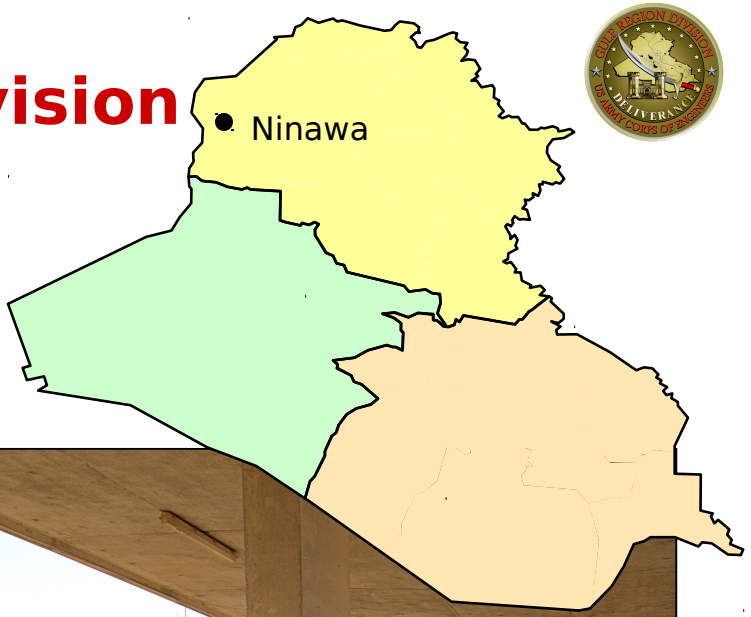

Wadi Al Morr Railway Station

Construction is complete on a $72,300 Railway Station project in the Mosul District, Ninewa Governorate.

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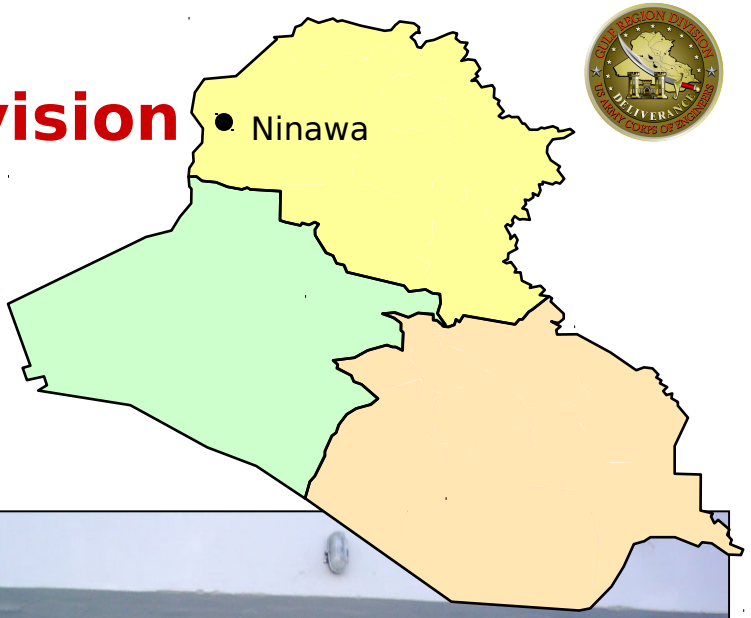

Sinjar Fire Station

Construction is complete on a $178,500 Sinjar Fire Station in the Ninawa Governorate.

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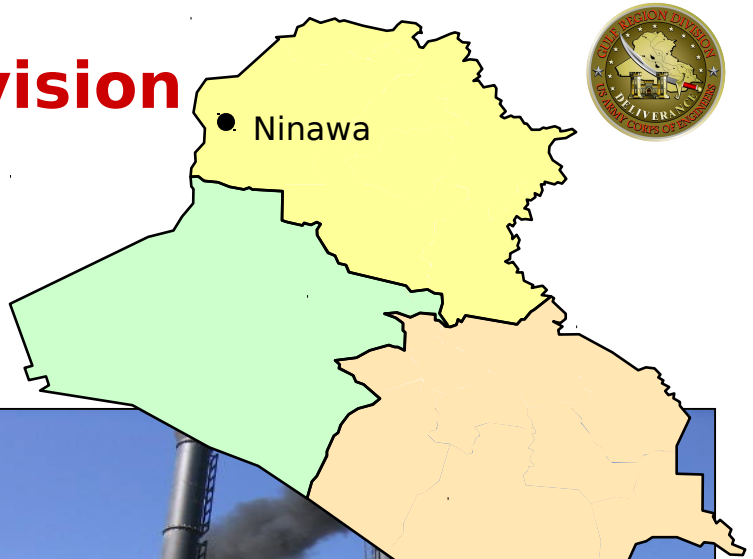

Qayarra Asphalt Refinery

Construction is complete on a $408,000 Qayarra Asphalt Refinery in the Ninewa Governorate.

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Reconstruction Under Adversity

Bayji Power Plant, a success story

- Threats, intimidation, and loss of life
  - Senior project manager abducted
  - Security team member killed
  - Courage, determination
- Project completion

What Does It Cost To Work In This Type Of Environment?

- Cost plus award fee contract
- Initial estimate - $30 million
- Definitized - $59 million
- Security team attacked; security costs $9.5 million
- 165-day project takes 270 days.

Final Project cost - $67.5 million

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Reconstruction Projects

Large Scale Capital Projects

10% of the Projects – 80% Program Cost

Economic Infrastructure

Burzugan natural gas power plant
Plant cost $80 million

Small Scale Projects (< $0.5M)

90% of the Projects – 20% Program Cost

Community Based

840 Schools - $86 million

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Large vs. Small Projects

STRATCOM Challenge

Erbil Water Treatment Plant

Cost – $118 million

Design Capacity – 6,000 M^3 per Hour

Will service 600,000 people

Contract duration:18 months

Hasarok Water Well Project

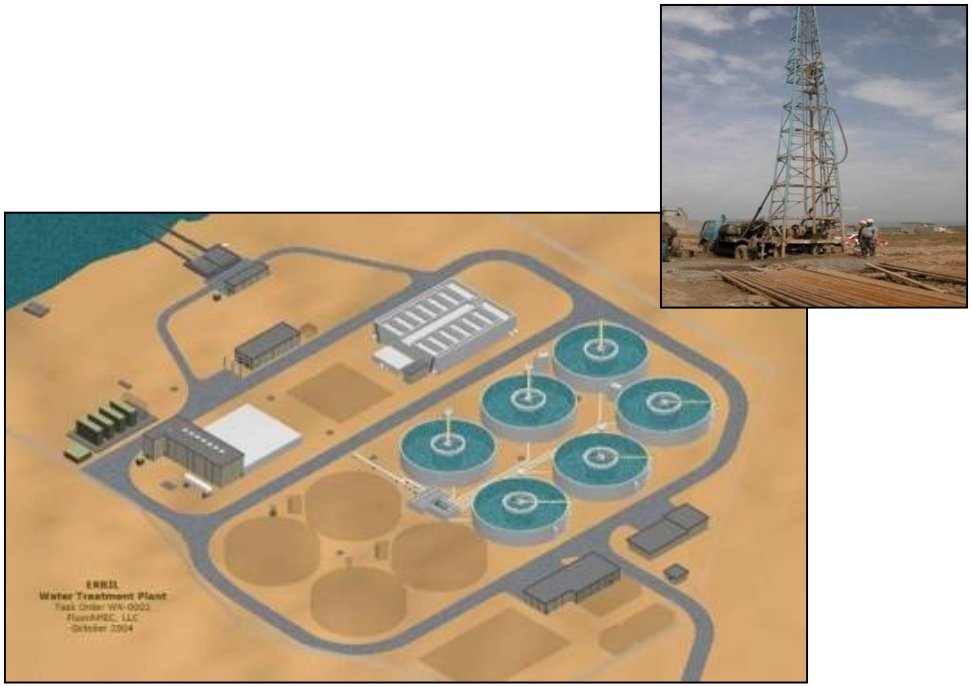
Cost - $514,000 (2 Wells)

Design Capacity – 60 M^3 per Hour

Will service 6,000 people

Contract duration: 4 months

Slow/Less Visible/Long Term ⟷ **STRATCOM** ⟷ **Quick/Visible/Shor**



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Al Taakhi Interview

Local Iraqi Papers

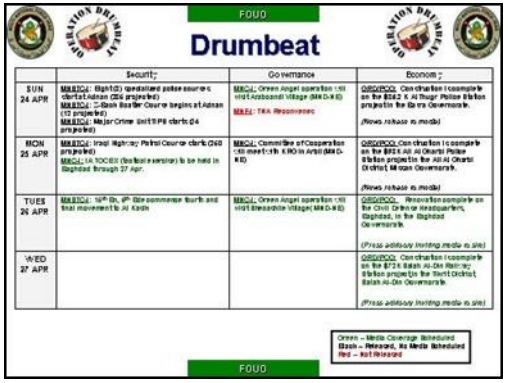
Media Center

Command Info

Local U.S. Media

SAME Meetings

Engineer Summit



"Drumbeat"

STRATCOM Action Plan (July 05)

Actionable Item	Action Plan	Delivery Systems
6July - Iraq Reconstruction Story	GRN: Khalifan Water Project	New York Times: Jim Glanz
7 July – Iraq Reconstruction (Water Story)	GRS: Darrel Flinn interview	Radio Sawa

STRATCOM Plan

Radio

US Army Corps
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